## SEQUENCE LISTING

<110> Bui, Matthew H.T. Seligson, David Belldegrun, Arie S. <120> METHODS OF RENAL CELL CARCINOMA PROGNOSIS AND TREATMENT SELECTION WITH CARBONIC ANHYDRASE IX <130> 02307K-185020US <140> US 10/511,465 <141> 2005-02-07 <150> WO PCT/US03/11561 <151> 2003-04-15 <150> US 60/384,460 <151> 2002-05-31 <150> US 60/373,193 <151> 2002-04-16 <160> 2 <170> FastSEQ for Windows Version 4.0 <210> 1 <211> 1522 <212> DNA <213> Homo sapiens <220> <221> CDS <222> (13)...(1389) <220> <221> mat peptide <222> (124)...(1389) <400> 1 acagtcagec ge atg get eee etg tge eee age eee tgg ete eet etg ttg 51 Met Ala Pro Leu Cys Pro Ser Pro Trp Leu Pro Leu Leu -30 atc ccg gcc cct gct cca ggc ctc act gtg caa ctg ctg tca ctg Ile Pro Ala Pro Ala Pro Gly Leu Thr Val Gln Leu Leu Leu Ser Leu -20-15 -10ctg ctt ctg atg cct gtc cat ccc cag agg ttg ccc cgg atg cag gag

Leu Leu Met Pro Val His Pro Gln Arg Leu Pro Arg Met Gln Glu

-1 1

5

-5

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					gaa Glu									243
					cct Pro									291
					cct Pro									339
					gtt Val									387
					gac Asp 95									435
					ccc Pro									483
					gtg Val									531
					ctg Leu									579
	Glu	Leu	Arg	Leu	cgc Arg	Asn	Asn	Gly	His	Ser	Val	Gln		627
					atg Met 175									675
					cac His									723
					cac His									771
					gcc Ala									819

													gaa Glu	867
													gct Ala	915
													ctc Leu	963
													act Thr 295	1011
													aca Thr	1059
													tgg Trp	1107
													cct Pro	1155
													agc Ser	1203
													gct Ala 375	1251
													agc Ser	1299
													aaa Lys	1347
		agc Ser												1389
tagaggetgg atettggaga atgtgagaag ceageeagag geatetgagg gggageeggaactgteetg teetgeteat tatgeeactt eettttaaet geeaagaaat titttaaaaaaatatttat aat														

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<212> PRT

<213> Homo sapiens

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                                       -10
Met Pro Val His Pro Gln Arg Leu Pro Arg Met Gln Glu Asp Ser Pro
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Leu Gly Gly Gly Ser Ser Gly Glu Asp Asp Pro Leu Gly Glu Glu Asp
           1.5
Leu Pro Ser Glu Glu Asp Ser Pro Arg Glu Glu Asp Pro Pro Gly Glu
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Glu Asp Leu Pro Gly Glu Glu Asp Leu Pro Gly Glu Glu Asp Leu Pro
                        50
Glu Val Lys Pro Lys Ser Glu Glu Glu Gly Ser Leu Lys Leu Glu Asp
Leu Pro Thr Val Glu Ala Pro Gly Asp Pro Gln Glu Pro Gln Asn Asn
                                    85
                80
Ala His Arg Asp Lys Glu Gly Asp Asp Gln Ser His Trp Arg Tyr Gly
                               100
Gly Asp Pro Pro Trp Pro Arg Val Ser Pro Ala Cys Ala Gly Arg Phe
                           115
                                               120
Gln Ser Pro Val Asp Ile Arg Pro Gln Leu Ala Ala Phe Cys Pro Ala
                       130
Leu Arg Pro Leu Glu Leu Leu Gly Phe Gln Leu Pro Pro Leu Pro Glu
                    145
                                        150
Leu Arg Leu Arg Asn Asn Gly His Ser Val Gln Leu Thr Leu Pro Pro
                                    165
               160
Gly Leu Glu Met Ala Leu Gly Pro Gly Arg Glu Tyr Arg Ala Leu Gln
                               180
Leu His Leu His Trp Gly Ala Ala Gly Arg Pro Gly Ser Glu His Thr
       190
                           195
Val Glu Gly His Arg Phe Pro Ala Glu Ile His Val Val His Leu Ser
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                                           215
Thr Ala Phe Ala Arg Val Asp Glu Ala Leu Gly Arg Pro Gly Gly Leu
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Ala Val Leu Ala Ala Phe Leu Glu Glu Gly Pro Glu Glu Asn Ser Ala
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                                    245
Tyr Glu Gln Leu Leu Ser Arg Leu Glu Glu Ile Ala Glu Glu Gly Ser
                                260
Glu Thr Gln Val Pro Gly Leu Asp Ile Ser Ala Leu Leu Pro Ser Asp
                            275
                                                280
Phe Ser Arg Tyr Phe Gln Tyr Glu Gly Ser Leu Thr Thr Pro Pro Cys
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                                           295
Ala Gln Gly Val Ile Trp Thr Val Phe Asn Gln Thr Val Met Leu Ser
                                        310
                    305
Ala Lys Gln Leu His Thr Leu Ser Asp Thr Leu Trp Gly Pro Gly Asp
                                    325
               320
Ser Arg Leu Gln Leu Asn Phe Arg Ala Thr Gln Pro Leu Asn Gly Arg
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Val Ile Glu Ala Ser Phe Pro Ala Gly Val Asp Ser Ser Pro Arg Ala
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Ala Glu Pro Val Gln Leu Asn Ser Cys Leu Ala Ala Gly Asp Ile Leu
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